


<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	210352US0X
	First Inventor or Application Identifier	Ryuichiro KANE, et al.
 JC860 U.S. PTO 06/27/01	Title	NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA OBTAINED BY THE METHOD
	Assignee Name:	1) National Institute of Advanced Industrial Science and Technology 2) KANKYO ENGINEERING Co., Ltd.
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U.S. PTO  
09/891517

06/27/01

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents</i>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification Total Sheets <b>220</b></p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) Total Sheets <b>39 (Formals)</b></p> <p>4. <input type="checkbox"/> Oath or Declaration Total Pages <input type="text"/></p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d)) (for continuation / divisional w/ box 17 completed)</p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).</p> <p>5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification or Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input checked="" type="checkbox"/> Paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>	<b>ACCOMPANYING APPLICATION PARTS</b> <p>7. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>8. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>9. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations (2)</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> White Advance Serial No. Postcard</p> <p>14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>15. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>16. <input checked="" type="checkbox"/> Other: Notice of Priority, List of Inventors' Names and Addresses, Statement Re Filing in Foreign Language, List of Related Cases, Cited Pending Applications (2)</p>

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.: \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP) of application Serial No. \_\_\_\_\_ Filed on \_\_\_\_\_

☐ Which was published in English

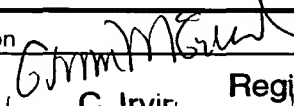
☐ Which was not published in English

☐ This application claims priority of provisional application Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

**19. CORRESPONDENCE ADDRESS**

  
**22850**  
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receive the following  
Mikel Spec. 133-180  
English Specification

Name:	Norman F. Oblon	Registration No.:	24,618
Signature:	 C. Irvin	Registration Number 21,124	Date: 6/27/01
Name:	Registration Number 21,124	Registration No.:	

Docket No. 210352US0X

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Ryuichiro KURANE, et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA OBTAINED BY THE METHOD

FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	58 - 20 =	38	× \$18 =	\$684.00
INDEPENDENT CLAIMS	5 - 3 =	2	× \$80 =	\$160.00
■ MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$270 =	\$270.00
■ LATE FILING OF DECLARATION			+ \$130 =	\$130.00
BASIC FEE				\$710.00
TOTAL OF ABOVE CALCULATIONS				\$1,954.00
□ REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
■ FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$130.00
□ RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
TOTAL				\$2,084.00

- Please charge Deposit Account No. 15-0030 in the amount of \_\_\_\_\_ A duplicate copy of this sheet is enclosed.
- A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
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Docket No. 210352US0X

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Ryuichiro KURANE, et al.

FILING DATE: Herewith

FOR: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA OBTAINED BY THE METHOD

**LIST OF INVENTORS' NAMES AND ADDRESSES**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

Ryuichiro KURANE	Tsukuba-shi, Japan
Takahiro KANAGAWA	Tsukuba-shi, Japan
Yoichi KAMAGATA	Tsukuba-shi, Japan
Masaki TORIMURA	Tsukuba-shi, Japan
Shinya KURATA	Tokyo, Japan
Kazutaka YAMADA	Tokyo, Japan
Toyokazu YOKOMAKU	Tokyo, Japan

A declaration containing all the necessary information will be submitted at a later date.



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**LIST OF RELATED CASES**

<u>Docket Number</u>	<u>Serial or Patent No.</u>	<u>Filing or Issue Date</u>	<u>Status or Patentee</u>
PER CLIENT	5,766,889	06/16/98	ATWOOD
PER CLIENT	5,753,444	05/19/98	WU et al.
0163-0758-0X	09/556,127	04/20/00	PENDING
199953US0 X DIV	09/725,265	11/29/00	PENDING
199945US0 X DIV	09/725,256	11/29/00	PENDING